

Technical Group
Miscellaneous Technical Series

TRAFFIC SIGNAL MAINTENANCE SUPERVISOR
01/81

Summary

Under general supervision, supervises and performs complex electronic and electrical work on a variety of solid state, electromechanical and auxiliary traffic control equipment; and performs related work as required.

Typical Duties

Plans, schedules, supervises and engages in the maintenance, repair and installation of solid state, electromechanical and auxiliary traffic signal control equipment; insures the proper operation and synchronization of all masters, secondary controllers and flashers; schedules and implements preventive maintenance programs; trains subordinates; keeps equipment maintenance records; keeps inventory control of equipment and components; maintains maps, prints and diagrams pertinent to equipment and signalized intersections, aerial and underground interconnect cable runs; orders spare parts; makes recommendations for changes or modification of equipment to improve traffic movement; meets with factory representatives to solve equipment difficulties; acts on the behalf of the supervisor as assigned.

Minimum Qualifications

Training and Experience: Graduation from high school or equivalent, supplemented by completion of electronics courses from a recognized school of electronics and six years practical experience in electronic work, including four years experience in the installation and maintenance of traffic controllers and traffic signals; or an equivalent combination of training and experience.

Knowledge, Abilities and Skills: Considerable theoretical and practical knowledge of solid state, electromechanical and auxiliary traffic control equipment; considerable knowledge of the existing City traffic control systems.

Ability to identify and correct traffic systems field problems; ability to make quick and accurate field decisions; ability to work from blueprints and prepare sketches; ability to perform work requiring good physical condition and dexterity; ability to supervise and train subordinates; ability to follow and enforce safety practices; ability to maintain effective working relationships with fellow employees, officials and the general public.

Skill in the use of electronic testing equipment, hand tools and related automotive equipment.

Licenses and Certificates: Certificate of completion of electronic courses; Commercial Driver's License.

Director of Personnel

Department Head